

## ZYVEX Corporation

### Company Information

Company Name  
ZYVEX Corporation

Address  
1321 N. Plano Road  
Richardson, TX, 75081-0242  
Phone  
1 972-235-7881

Company Website  
n/a  
DUNS  
828080288

Number of Employees  
62  
Hubzone Owned:  
N

Minority Owned:  
N  
Woman Owned:  
N

### Award Totals

```
jQuery(document).ready( function() { (function ($) { var program = ['SBIR Phase I', 'SBIR Phase II',  
'STTR Phase I', 'STTR Phase II']; var programCount = [{ "y":5,"amount":"404,432.00"}, {"y":3,"amount  
":"1,945,801.00"}, {"y":0,"amount":"0.00"}, {"y":0,"amount":"0.00"}]; //var programAmount =  
[404,432.00,1,945,801.00,0.00,0.00]; var title = 'Firm Award by Program and Phase'; var titleFormat  
= 'Count: {point.y:0f}'; var titleFormatAmount = 'Amount: ${point.y:2f}'; var charWidth =  
$('#award-totals-chart-count').width(); charWidth -= 120; $('#award-totals-chart-  
count').highcharts({ chart: { type: 'column' }, title: { text: title }, xAxis: { categories: program,  
labels: { rotation: -45, style: { fontSize: '13px', fontFamily: 'Verdana, sans-serif' } } }, yAxis: { min:  
0, title: { text: 'Awards' } }, legend: { enabled: false }, tooltip: { formatter: function() { return '' +  
this.x + '
```

```
' + 'Award Count: '+ this.y +'  
' + 'Award Amount: $'+ this.point.amount +''; } }, series: [{ name: 'Program/Phase', data:  
programCount, dataLabels: { enabled: false, rotation: -90, color: '#FFFFFF', align: 'right', //format:  
'{point.y:0f}', // no decimal y: 10, // 10 pixels down from the top style: { fontSize: '13px', fontFamily:  
'Verdana, sans-serif' } } } ] }); $('#award_total_table').trigger('click'); })(jQuery); });
```

- [Award Table](#)
- [Award Chart](#)

PROGRAM/PHASE	AWARD AMOUNT (\$)
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## NUMBER OF AWARDS

SBIR Phase I

\$404,432.00

5

SBIR Phase II

\$1,945,801.00

3

**Award List**

1.

[Four Probe Stage and Holder for Transmission Electron Microscope](#)

Amount: \$69,600.00

70659 A direct, in-situ, high resolution structural examination and analysis tool would benefit materials science research. However, tool development, especially nanomanipulation and in-situ ...

SBIR Phase I 2002 Department of Energy

2.

[Manufacturing Assembly Technology for Producing Low-Cost MiniSEM Columns](#)

Amount: \$98,637.00

This proposal presents a low-cost high-precision method for manufacturing miniaturized e-beam columns, resulting in widespread application in imaging and lithography. While the advantage of downscali ...

SBIR Phase I 2003 Defense Advanced Research Projects AgencyDepartment of Defense

3.

[Hierarchial Composites Comprising Continuous CarbonNnanotube Composite Fibers in a Nanotube-Reinforced Matrix](#)

Amount: \$599,633.00

NASA requires dramatic advancements in material properties to improve launch vehicles, spacecraft, and the space station?s performance. Our plan is to provide: 1) Continuous carbon nanotube (CNT) comp ...

SBIR Phase II 2004 National Aeronautics and Space Administration

4.

[Rational Engineering of Carbon Nanotube Surfaces](#)

Amount: \$69,334.00

Ideal multifunctional carbon nanotube/epoxy composites will find broad aerospace and earth science applications that require lightweight materials with high electrical conductivity, high mechanical st ...

SBIR Phase I 2003 National Aeronautics and Space Administration

5.

[Manufacturing Assembly Technology for Producing Low-Cost Mini SEMs](#)

Amount: \$749,523.00

This program will provide a key manufacturing breakthrough for high-performance inexpensive miniature SEMs. We plan to develop a MEMS, microassembly-based, fully functional mini-SEM having 1/10,000 th ...

SBIR Phase II 2004 Defense Advanced Research Projects Agency Department of Defense

6.

[MEMS Nanoprobe for Transmission Electron Microscopy](#)

Amount: \$97,085.00

76336-Research in nanotechnology has grown at an astounding rate in the last few years and is expected to accelerate even more in the next decade. However, tools to characterize materials, structures ...

SBIR Phase I 2004 Department of Energy

7.

[Multifunctional Carbon Nanotube/Polyethylene Complex Composites for Space Radiation Shielding](#)

Amount: \$69,776.00

Polyethylene (PE), due to its high hydrogen content relative to its weight, has been identified by NASA as a promising radiation shielding material against galactic cosmic rays and solar energetic par ...

SBIR Phase I 2005 National Aeronautics and Space Administration

8.

[Advanced Structural Nanomaterials for Astronaut Radiation Protection](#)

Amount: \$596,645.00

Zyvex in cooperation with Prairie View A&M (CARR) and Boeing will develop a space radiation shielding multi-functional material that will provide high energy radiation shielding required to protect as ...

SBIR Phase II 2006 National Aeronautics and Space Administration